



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

XIAO CHEN, ET AL.

Application Number: 09/616,457

Filed: July 14, 2000

Title: METHOD FOR PROVIDING A  
PROCESS MODEL FOR A MATERIAL IN  
A MANUFACTURING PROCESS

Attorney Docket No.: 99-464

) Group Art Unit: 2125

) Examiner: Sheela S. Rao

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Technology Center 2100

Peoria, Illinois 61629-6490

September 27, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, applicants respectfully request consideration of the references listed on the attached form PTO/SB/08.

Applicants respectfully request that the Examiner consider the references cited on the attached form PTO/SB/08 and that the Examiner indicate that the references have been considered in this application by returning a copy of the form PTO/SB/08 with the Examiner's initials in the left column and signature at the bottom, per MPEP § 609.

Pursuant to 37 C.F.R. § 1.97(c)(2), a fee in the amount \$180 as set forth in § 1.17(p) can be withdrawn from the undersigned's deposit account no. 03-1129 as indicated on the attached fee sheet.

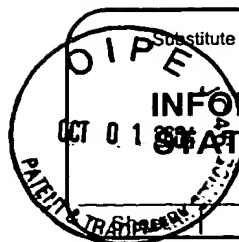
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Respectfully submitted,

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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of

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**Complete if Known**

<b>Application Number</b>	09/616,457
<b>Filing Date</b>	07/14/2000
<b>First Named Inventor</b>	Xiao Chen ET AL.
<b>Art Unit</b>	2125
<b>Examiner Name</b>	Sheela S. Rao
<b>Attorney Docket Number</b>	99-464

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 20020019726A1	2-14-2002	Crilly et al.	
		US- 20020134816A1	9-26-2002	Chen et al.	
		US- 20040122550A1	6-24-2004	Klimko et al.	
		US- 5,750,957	5-12-1998	Kilty et al.	<div>RECEIVED</div> <div>OCT 06 2004</div> <div>Technology Center 2100</div>
		US- 5,796,617	8-18-1998	St. Ville	
		US- 6,023,637	2-8-2000	Liu et al.	
		US- 6,024,273	2-15-2000	Ludewig et al.	
		US- 6,184,491	2-6-2001	Crane et al.	
		US- 6,186,011	2-13-2001	Wung et al.	
		US- 6,263,252	7-17-2001	St. Ville	
		US- 6,270,599	8-7-2001	Wood	
		US- 6,295,513	9-25-2001	Thackston	
		US- 6,324,491	11-27-2001	Zhang et al.	
		US- 6,362,456	3-26-2002	Ludewig et al.	
		US- 6,398,102	6-4-2002	Cao et al.	
		US- 6,424,879	7-23-2002	Chilese et al.	
		US- 6,618,694	9-9-2003	Shibuya et al.	
		US- 6,627,841	9-30-2003	Chen et al.	
		US- 6,768,974	7-27-2004	Nanjundan et al.	
		US- 6,789,051	9-7-2004	Chen et al.	

**FOREIGN PATENT DOCUMENTS**

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Examiner Signature		Date Considered	
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/616,457
				Filing Date	07/14/2000
				First Named Inventor	Xiao Chen ET AL.
				Art Unit	2125
				Examiner Name	Sheela S. Rao
Sheet	2	of	3	Attorney Docket Number	99-464

[illegible][illegible]

Examiner Signature		Date Considered	
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Sheet	3	of	3	Attorney Docket Number	99-464

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"Thermomechanical simulation of underwater welding processes", J. Ronda et al., Applied Mechanics, 1992, 13 pages.	
		"Recent development and applications of three-dimensional finite element modeling in bulk forming processes", G. Li et al., Journal of Materials Processing Technology, 2001, PAGES 40-45.	
		"Influence of Residual Stresses and Weld Repairs on Pipe Fracture", F.W. Brust et al., Approximate Methods in the Design and Analysis of Pressure Vessels and Piping Components, ASME, 1997, pages 173 - 191.	
		"Modeling of weld residual stresses in core shroud structures", J. Zhang et al., Nuclear Engineering and Design, 2000, pages 171-187.	
		"Numerical Welding Simulation of Two Pipes / Determination of the Evolution of Residual Stresses During Proof Test Pressure", J.J. Janosch et al., PVP-Vol. 147, Approximate Methods in the Design and Analysis of Pressure Vessels and Piping Components, ASME, 1997, pages 103-113.	

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